UNITED NATIONS **ST**

Secretariat

Distr.
GENERAL

ST/SG/SER.E/339
24 June 1998

ORIGINAL: ENGLISH

COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 12 June 1998 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit the registration data for the United States space launches for the period July 1997-December 1997 (see annex).

*See General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

V.98-54610 (E)

Annex*

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 July 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-034A	9 July 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-034B	9 July 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-034C	9 July 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-034D	9 July 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-034E	9 July 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-034F	9 July 97	93.5	82.7	627	264	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

*The registration data are reproduced in the form in which they were received.

1997-035A	23 July 97	356.7	39.2	20376	191	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-035B	23 July 97	100.3	37.7	1344	199	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-035C	23 July 97	355.7	39	20371	132	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-036B	28 July 97	1914.9	25.5	89180	225	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1994-029ACA	5/19/94	103.2	82.2	1297	550	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 July 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 July 1997						
1997-032A	07/01/97	90.5	28.4	310	295	Reusable space transportation systems
The following objects identified on a previous report are no longer in orbit as of 2400Z on 31 July 1997:						
1970-025GP, 1989-089S, 1994-029Z, 1994-29JC, 1994-29JH, 1994-029KG, 1994-029KV, 1994-029TV, 1994-029YY, 1994-029ZG						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 August 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-037A	1 August 97	99	98.215	712	697	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-037B	1 August 97	90.57	98.28	309	291	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-040A	8 August 97	1436.3	0	35798	35781	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-043A	21 August 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-043B	21 August 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-043C	21 August 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-043D	21 August 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

1997-043E	21 August 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-043F	21 August 97	92.173	82.73	549.5	212.6	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-044A	..2 August 97					Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-044B	22 August 97	89.6	97.6	278	262	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-045A	25 August 97					
1997-045B	25 August 97					Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-046A	28 August 97	1436.2	0.1	35831	35746	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-047A	29 August 97	101.2	70	843	810	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-047B	29 August 97	101.2	70	840	810	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified:						
1981-059F	23 June 81	101.9	98.7	877	833	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1981-059G	23 June 81	101.7	98.7	866	823	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1981-070M	3 August 81	410.1	88.6	23246	564	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 August 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 August 1997:						
1997-039A	7 August 97	89.5	56.9	253	249	Reusable space transportation systems
1997-039B	7 August 97	90.3	57	296	282	Space engaged in investigating of spaceflight techniques and technology
The following objects identified on a previous report are no longer in orbit as of 2400Z on 31 August 1997						
1963-014EE, 1989-089T, 1994-29CT, 1994-29JT, 1994-029KD, 1994-029MQ, 1994-029NK, 1994-029PT, 1994-029QY, 1994-029SA, 1994-029TD, 1994-029TM, 1994-029TN						
The following objects were launched since the last report but did not achieve orbi:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 30 September 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-050A	4/97	1439.44	0.051	35953	35752	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-050B	4 September97	792	19.06	43649	307	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-052B	23 September 97	104.4	82.9	993	936	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-055A	26 September 97	92.3	51.6	391	383	Reusable space transportation systems
1997-056A	27 September 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-056B	27 September 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-056C	27 September 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

1997-056D	27 September 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-056E	27 September 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-056F	27 September 97	92.897	83.706	549	284	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1966-040C	15 May 66	108	100.5	1177	1089	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1981-059H	23 June 81	101.6	98.7	878	792	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACB	19 May 94	97.2	82.1	745	505	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACC	19 May 94	98.6	81.7	879	540	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACD	19 May 94	102.2	81.8	1134	630	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACE	19 May 94	106	82.4	1548	529	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACF	19 May 94	103	82	1232	608	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 30 September 1997:						
1994-029ACG	19 May 94	92.6	83	439	363	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 September 1997:						
NONE						
The following objects identified on a previous report are not longer in orbit as of 2400Z on 30 September 1997:						
1963-014EB, 1963-014ED, 1898-089AM, 1994-29AD, 1994-29BL, 1994-029CR, 1994-029CW, 1994-029DC, 1994-029MC, 1994-029SQ, 1994-029UB, 1994-029UJ, 1994-029VN, 1994-029XQ, 1994-029ZL, 1994-029AAB, 1994-029AAV, 1994-029ABV, 1994-037B, 1997-044A						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 October 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-059A	4 October 97	1436.1	0	35791	35785	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-059B	4 October 97	667.4	25.9	37766	177	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-061A	15 October 97	(No available data)				Spacecraft engaged in investigation of spaceflight techniques and technology
1997-061B	15 October 97	(No available data)				Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-063A	22 October 97	94	44.9	509	442	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-063B	22 October 97	94	45	504	440	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-064A	24 October 97	95.6	57	679	422	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-064B	24 October 97	95.6	57	672	426	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

1997-065A	25 October 97	619.1	25.3	35771	316	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
199[illegible] 065B	25 October 97	622.3	26.4	35294	241	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-065C	25 October 97	1424.9	0	35602	35533	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1994-029ACH	19 May 94	92.8	82	431	396	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACJ	19 May 94	105	82.1	1439	587	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACK	19 May 94	116.1	81.6	2466	582	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACL	19 May 94	105.3	81.5	1518	535	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACM	19 May 94	101.7	81.5	1122	579	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACN	19 May 94	101.7	81.5	1122	579	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACP	19 May 94	105	81.7	1399	620	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACQ	19 May 94	104.9	81.6	1397	611	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACR	19 May 94	105.9	82.3	1513	584	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

1994-029ACS	19 May 94	106.6	81.6	1537	609	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACT	19 May 94	108.5	81.5	1744	570	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACU	19 May 94	106.4	82.9	1537	585	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACV	19 May 94	105.1	81	1440	566	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACW	19 May 94	105.4	82.1	1467	588	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACX	19 May 94	103.5	82	1303	589	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACY	19 May 94	104.9	82.4	1496	511	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ACZ	19 May 94	104.9	82.1	1304	526	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADA	19 May 94	106.6	82.6	1564	572	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADB	19 May 94	95.3	80.5	949	455	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADC	19 May 1994	98.8	81.8	975	542	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADD	19 May 94	105	82.2	1388	628	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADE	19 May 94	100.2	81.1	1023	530	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

1994-029ADF	19 May 1994	98.4	82	783	581	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029ADG	19 May 94	93.2	82	463	420	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1968-081G	26 September 68	1425.3	13.3	36082	35068	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1968-081H	26 September 68	1415.8	13.3	35720	35056	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 October 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 October 1997:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z on 31 October 1997:						
1963-014FC, 1989-089AG, 1994-029AH, 1994-029BA, 1994-029DE, 1994-029LT, 1994-029MW, 1994-029NL, 1994-029NM,1994-029QH, 1994-029TC, 1994-029SR, 1994-029SS, 1994-029UR, 1994-029VK, 1994-029XA, 1994-029XX, 1994-029YD, 1994-029ZK, 1994-029ZZ, 1994-029AAA, 1994-029AAS, 1994-029AAY, 1994-029ABZ, 1997-043F						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 30 November 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-067A	6 November 97	720.4	54.9	20643	19871	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-067B	6 November 97	94.9	35.2	569	468	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-067C	6 November 97	352.3	35	20107	192	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-068A	8 November 97	712.8	63.6	39012	1098	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-068B	8 November 97	708.9	64.3	38839	1075	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-069A	9 November 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-069B	9 November 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

1997-069C	9 November 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-069D	9 November 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-069E	9 November 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-069F	9 November 97	93	83.6	603	261	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-073A	9 November 97	90.2	28.5	286	281	Reusable space transportation systems
1997-073B	9 November 97	90.2	28.5	288	283	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1997-074A	7 November 97	92.1	35	385	385	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
The following objects not previously reported have been identified since the last report:						
1978-064J	27 June 78	99.5	108	742	729	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-047E	4 July 91	146.9	37.6	5529	177	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1989-085D	21 October 89	164.7	37.4	6985	178	Spent booster, spent maneuvering stages, shrouds and other non-functional objects

1964-026H	4 June 64	100.0	90.5	847	776	Spent boosters, spent maneuvering stages, shrouds and other non-funtional objects
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 30 November 1997:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 November 1997:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z on 30 November 1997:						
1989-89AQ, 1996-068B, 1994-029AF, 1994-029AM, 1994-029AX, 1994-029DP, 1994-029HS						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 December 1997.
All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1997-078A	8 December 97	1436.26	0.023	35802	35778	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-078B	8 December 97	925	26.74	49947	193	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-082A	20 December 97	100.47	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-082B	20 December 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-082C	20 December 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-082D	20 December 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-082E	20 December 97	100.467	86.4	780	780	Spacecraft engaged in practical applications and uses of space technology such as weather or communications

1997-082F	20 December 97	93.1	83.6	605	265	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-084A	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084B	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084C	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084D	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084E	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084F	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084G	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084H	23 December 97	101.3	45.02	824	820	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1997-084J	23 December 97	94.8	44.97	740	287	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

1997-084K	23 December 97	97	42.68	823	416	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1997-085A	24 December 97	94.2	97.3	489	482	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report:						
1966-077R	19 August 66	165.7	89	5443	1789	Spent boosters, spent manoeuvering stages, shrouds and other non-functional objects
1994-029ADH	19 May 94	90.1	81.6	291	268	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1996-049H	21 August 96	129.5	83	3880	339	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1993-032D	1 May 94	322.9	34.8	18208	216	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1990-103D	26 November 90	183.9	34.5	8505	174	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1967-065D	29 June 67	171.8	90.2	3991	3746	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1967-065E	29 June 67	172.4	90	3920	3888	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 December 1997:						
NONE						

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 December 1997:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z on 31 December 1997:						
1989-089AW, 1989-089AN, 1996-031A, 1994-029CL, 1994-029FT, 1994-029NV, 1994-029QP, 1994-029RA, 1994-029RG, 1994-029UK, 1994-029UT, 1994-029WA, 1994-029XL, 1994-029YB, 1994-029YQ, 1994-029ABA, 1994-029ACB, 1994-029 ACG, 1994-029ACH, 1994-029ADB, 1997-073A, 1997-073B						
The following objects were launched since the last report but not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

UNITED NATIONS

ST

Secretariat

Distr.
GENERAL

ST/SG/SER.E/340
30 June 1998

ENGLISH
ORIGINAL: RUSSIAN

COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

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Note verbale dated 23 June 1998 from the Permanent Mission of the Russian Federation to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the Russian Federation to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit information concerning space objects launched by the Russian Federation in November and December 1997 and concerning Russian space objects which ceased to exist within those same periods of time and are no longer in Earth orbit (see annex).

*General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

V.98-54616 (E)

Annex

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN NOVEMBER 1997

1. In November 1997, the Russian Federation launched the following space objects:

No.	*Name of space object*	*Date of launching*	*Basic orbit characteristics*				*General purpose of space object*
			Apogee (km)	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	
3023	Artificial Earth satellite (ISZ) (launched into orbit from the Mir manned orbital station)	3 November	400	385	51.7	92.2	This is a working model of the first artificial Earth satellite launched into orbit, to honour the fortieth anniversary of its launching
3024	Kupon (launched by a Proton carrier rocket from the Baikonur launch site)	12 November	35 939		0.09	1 444	This satellite is designed to serve subscribers to the Bankir interurban and international fixed communications system
3025	Resurs-F1M (launched by a Soyuz carrier rocket from the Plesetsk launch site)	18 November	264	191	82.3	88.7	Investigation of the Earth's natural resources and study of the environment and ecological situation

2. The following space object ceased to exist in November 1997 and was no longer in Earth orbit at 2400 hours Moscow time on 30 November 1997: 1995-71A (Cosmos-2326).

REGISTRATION DATA ON SPACE OBJECTS LAUNCHED BY THE RUSSIAN FEDERATION IN DECEMBER 1997

1. In December 1997, the Russian Federation launched the following space objects:

No.	*Name of space object*	*Date of launching*	*Basic orbit characteristics*				*General purpose of space object*
			Apogee (km)	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	
3026	Cosmos-2347 (launched by a Tsiklon-2 carrier rocket from the Baikonur launch site)	9 December	428	411	65	92.8	This space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3027	Cosmos-2348 (launched by a Soyuz carrier rocket from the Plesetsk launch site)	16 December	370	176	67.2	89.6	This space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3028	Inspektor (launched from the Progress M-36 unmanned transport craft)	17 December	407	391	51.6	92.16	Circling and external inspection of the Progress M-36 vessel and the Mir orbital station
3029	Progress M-37 (launched from a Soyuz carrier rocket from the Baikonur launch site)	20 December	250	193	51.6	88.6	Delivery to the Mir manned orbital station of consumables and various cargoes

2. On 3 December 1997, the direct television broadcasting satellite ASTRA-1 Zh was placed in Earth orbit by a Proton carrier rocket from the Baikonur launch site. The satellite is owned and operated by the European Satellite Society (ESS).

3. On 24 December 1997, the American satellite Early Bird, intended for remote sensing of the Earth, was placed in orbit by a Start-1 carrier rocket from the Svobodny launch site. The Early Bird is owned and operated by the American firm Earth Watch Incorporated.

4. On 25 December 1997, the Asiasat-3 direct television and radio broadcasting satellite was launched into non-calculated Earth orbit by a Proton carrier rocket from the Baikonur launch site. The satellite was launched on behalf of the Hong Kong company Asiasat.

5. At 24 hours Moscow time on 31 December 1997, no space objects had been found to have ceased to exist in Earth orbit in December 1997.